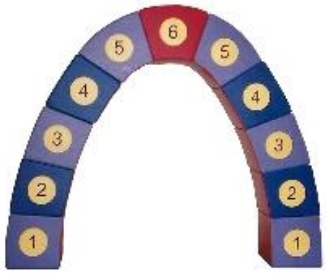
Visual Science Hunt

You will find the answers to our Science Hunt questions by exploring the galleries and interacting with the exhibits. Use the visual clues to help you find the exhibit.

<u>Note to chaperones and adults</u>: The children will draw answers to these questions. You will need to help children read the questions and exhibit signs.

Explore the possibilities!

Become an engineer. Can you build an arch using these blocks? Draw a picture of what your finished product looks like.



Find the boring machine. What is the machine used for? Can you operate it?

A boring machine is used to create tunnels. It bores or drills holes into rock and other compact materials. As the wheels spin forward, the smaller cutter disks carve through the Earth. Follow the directions on the exhibit to learn how to operate it.

Can you list the plants in order, starting with those closest to the sun? (You can draw each on in order)

Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, (Pluto- no longer considered a planet, now it is considered a dwarf planet)

Navigate the road using our traffic signals.

Answers will vary.

What is this a part of? Draw a picture of where you can find this organ in your body.

This is a part of a large model of the human heart. Students should have images showing their heart in the center of their chest.

Explore your health in this large exhibit. What foods are healthy? What are not?

Answers will vary.

Can you find this exhibit? What is it modeled after? Where would you find a machine such as this?

This is a part of the Giant Engine. You would find a complex machine such as this in an automobile, a boat , or even an airplane.

Gaze through this object to see the moon. What is it called? How does it work?

This is a refracting telescope. Light enters through the end of the telescope. It passes through a series of lenses that magnify the object you are viewing from afar.

Make a sail car sail across the *Sail Car Table* using only the wind. Draw a picture of how you turned the sail and where you put the car to make it sail.

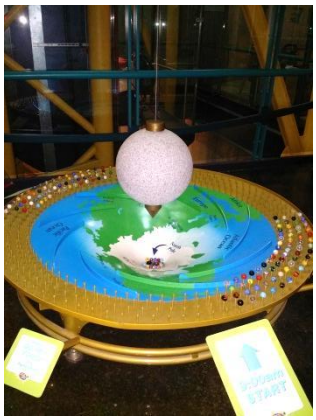
Answers will vary.

What is this exhibit called? This simple machine makes it easier to lift weights. By drawing a picture, show where the weight is and where it is easier to pull the rope down.

This is the weight attached to the Giant Lever. *The force needed to lift the weight is greater when the rope is moved closer to the fulcrum or pivot point.*

Find this electrifying exhibit. What are the light bulbs doing to the water?

The heat from the bulbs is heating the water. If the water is heated up enough, it will begin to evaporate, becoming a gas. Once the lights are turned off and the glass containing the water and vapor cool, condensation will form on the edges of the glass.



Can you see where the pendulum started? How what is its position now? Why does this happen?

The Earth has spun since this morning- out from underneath the pendulum. So, compared to the ground, the pendulum is swinging in a different direction.